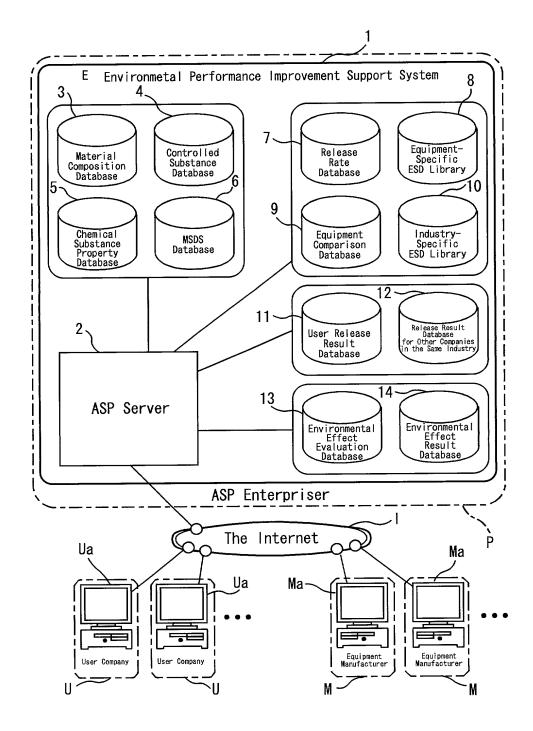
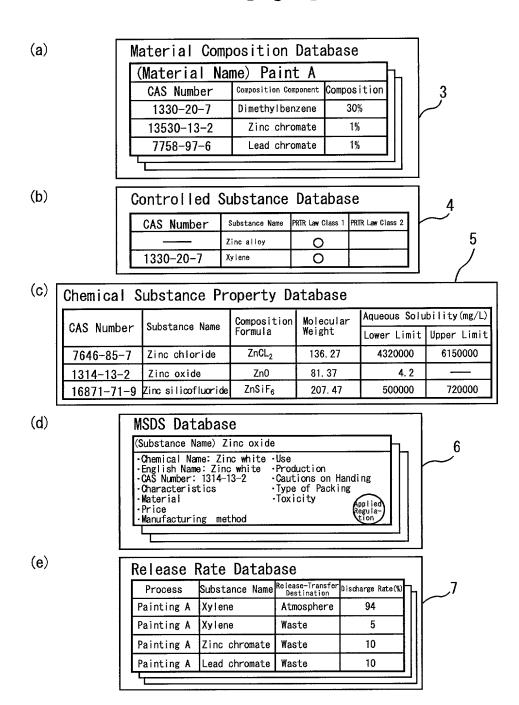
[Fig. 1]



[Fig. 2]



Emmission Scenario Document(ESD)

[Fig. 3]

A:Input materials

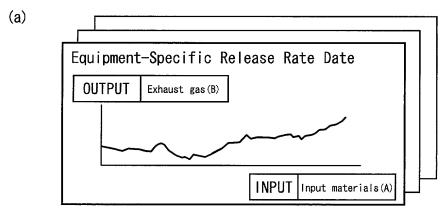
Equipment

C:Content in products

D:Drain water

Graph and table formats, and functional equations that show the relationships of A, B, C, and D

[Fig. 4]



Graph Format

(b)

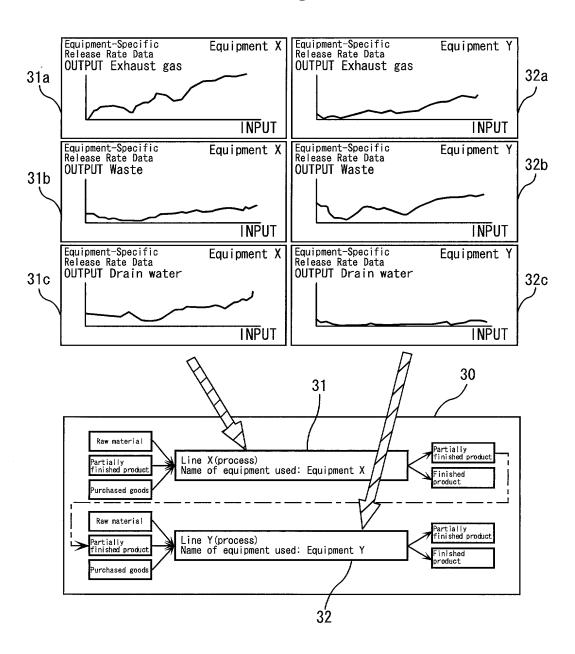
INPUT	ОИТРИТ					
Input Material(A)	Exhaust Gas(B)	Content in Product (C)	Drain Water(D)			
110	0. 5	30	5			
120	0. 6	35	5			
130	0. 7	40	5			
140	0.8	45	5			
150	0. 9	50	10			
160	1. 0	55	10			

Numerical Value Table Format

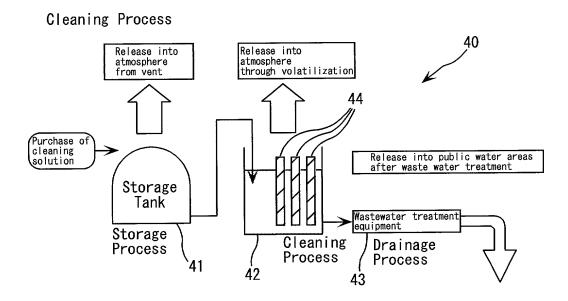
(C) B=F1 (A) C=F2 (A) D=F3 (A)

Functional Equation Format

[Fig. 5]



[Fig. 6]



[Fig. 7]

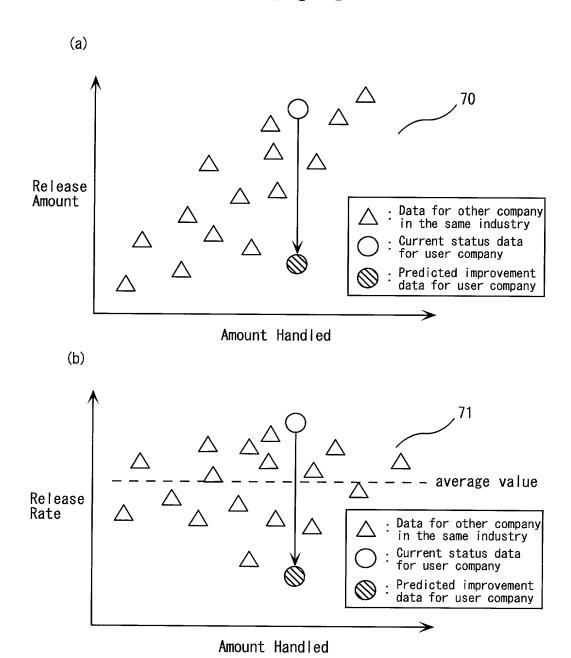
	mental Evaluation	Worst Effect Ranking	-	2	က	4	5	9
	Environmenta Effect Evalua	Effect Evaluatio Result	305	260	240	80	42	20
		Other						
50	lor lor	Resource Depletion	5	9	160	5		70
	Factor	Ozone Layer Destruction						
	<u></u>	Grobal Warming	200		49			
	Evaluation	Acid Precipitation			40			
	Eval	Stress on Waste Treatment Capacit						
	당	Water Quality Pollution				20	42	
	Effe	Air Pollution	100	250				
	a	Undergroundwater and Soil Pollution				25		
	ment	Ground Subsidence						
	Environmental Effect	Amenities (Noise, Offensive Odor, Eyesore, etc.)						
		Human Health						
	Dec	omposition Rate	1%	1%	I	%0	%0	%0
	Rel	Release Rate		%66	ı	100%	100%	20%
	Rec	Recycle Rate		%0	l	%0	I	20%
	Amount Handled (Amount Used)			100 m³/month	401000 kwh/month	50 kg/month	8000 m³/day	200 kg/month
	Envi Elen	ronmental	PFC Gas	Toluene	Electric Power	Lead chromate	Waste Water	Paper

[Fig. 8]

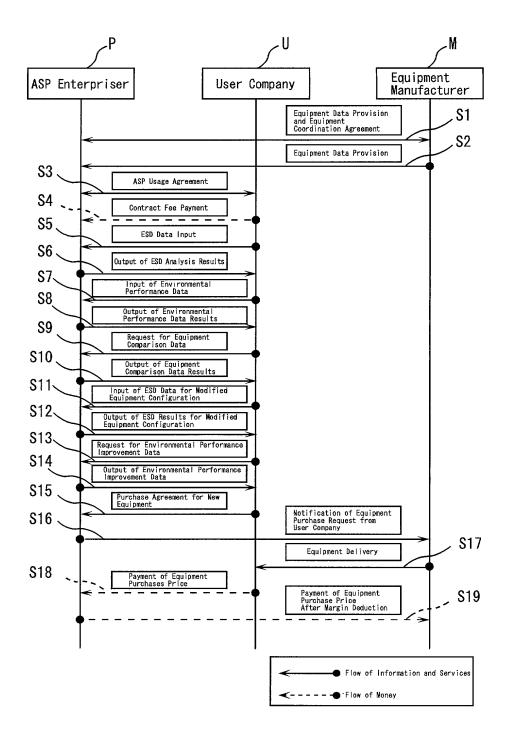
	_			T.		.,				_
Comparison table for PFC Gas Treatment Equipments	Manufacturer	Plasma Method	200	က	200	09	0. 5W×0. 5D×0. 5H	0.4	3	1500
	Manufacturer H	Plasma Method	200	0.5	1000	120	0.5W×1D×0.5H	0.5	4	500
	Manufacturer G	reatment Method Catalyst Method Catalyst Method	1500	2	2000	20	2W×1D×1H	0.75	30	4000
	Manufacturer F	Catalyst Method	1000	-	1000	30	1"×10×0, 5H	-	33	1000
CO		Treatment Method	A:Processing Speed (L/hr)	B:Release Rate (%)	C:Equipment Cost (¥10,000)	D:Operation Cost (¥10,000/year)	E:Equipment Size (m)	A/C	A/D	B×C
		Equipment Specifications and Cost						Inve Effe Info	stmen ctive rmati	t ness on

60

[Fig. 9]



[Fig. 10]



[Fig. 11]

